

WR : Publications

Journal papers :

- R. Cavagna, J. Royan, P. Gioia, C. Bouville, M. Abdallah, and E. Buyukkaya. Peer-To-Peer Visualization of Very Large 3D Landscape and City Models Using MPEG-4. Elsevier Signal Processing: Image Communication journal, January, 2009. [Abstract][download]

- J. Royan, P. Gioia, R. Cavagna, and C. Bouville. Network-based visualization of 3d landscapes and city models. Computer Graphics and Application, November-December, 2007. [Abstract][download]

Conference/Workshop papers :
- M. Abdallah, R. Cavagna, D. Laval, Incentive-Based On-Demand Video Streaming Using a Dual Spatially-Organized Peer-to-Peer Network, CCNC 2015, Jan 9-12, 2015, Las Vegas, USA [Abstract][download]

- E. Buyukkaya, M. Abdallah, and R. Cavagna. TriCast: Triangulation with Multicast Support for P2P Virtual Environments. ICME'10, July 19-23, 2010, Singapore, Singapore [Abstract][download]

- E. Buyukkaya, M. Abdallah, and R. Cavagna. VoroGame: A hybrid P2P Architecture for Massively Multiplayer Games. CCNC'09, January 10-13, 2009, Las Vegas, USA. [Abstract][download]

- R. Cavagna, M. Abdallah, E. Buyukkaya, and C. Bouville. A Framework for Scalable Virtual Worlds using Spatially Organized P2P Networks. P2P-NVE'08, December 8-10, 2008, Melbourne, Victoria, Australia. [Abstract][download]

- E. Buyukkaya, M. Abdallah, R. Cavagna, and S-Y Hu. GROUP: Dual-Overlay State Management for P2P NVE. P2P-NVE'08, December 8-10, 2008, Melbourne, Victoria, Australia. [Abstract][download]

- R. Cavagna, M. Abdallah, and C. Bouville. A Framework for Scalable Virtual Worlds using Spatially Organized P2P Networks. VRST'08 (poster), October 27-29, 2008, Bordeaux, France. [Abstract][download]

- R. Cavagna, C. Bouville, P. Gioia, and J. Royan, A MPEG-4 AFX Compliant Platform For 3D Contents Distribution in Peer-To-Peer, ICIP'08, October 12-15, 2008, San Diego, California, USA. [Abstract][download]

- P. Gioia, R. Cavagna, J. Royan, and C. Bouville. Peer-to-Peer Visualization of Very Large 3D Landscape and City Models using MPEG-4. 3DTV'08, 28-30 May, 2008, Istanbul, Marmara, Turkey. [Abstract][download]

- R. Cavagna, C. Bouville, and J. Royan. P2p Network for Very Large Virtual Environments. VRST'06, 1-3 November, 2006, Limassol, Cyprus. [Abstract][download]

- R. Cavagna, C. Bouville, and J. Royan. Real-time P2p Network Simulation for Very Large Virtual Environments. DSRT'06, 2-4 October, 2006, Torremolinos, Malaga, Spain. [Abstract][download]

Demo papers :
R. Cavagna, M. Abdallah, A Framework for Experimenting Distributed Connectivity Strategies in DVEs. NetGames 2011, October 6-7 2011, Ottawa, Canada. [Abstract]
R. Cavagna, M. Abdallah, Finding the best Tradeoff between multi resolution content reproduction quality and multi resolution content reproduction efficiency. MMVE 2011, October 14-17, 2011, Nanchang, JiangXi Province, China. [Abstract]
Ph.D thesis :

- R. Cavagna. Gestion de Contenu et Optimisation de Qualité pour la Diffusion en Flux de Contenu 3D, PhD Thesis, 20 December, 2007, Rennes 1 University. [FR] [Abstract][download]